

10/510152

D105 Rec'd PCT/PTO 05 OCT 2004

PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/510152
		Filing Date	
		First Named Inventor	Kia Silverbrook
		Art Unit	
		Examiner Name	
Sheet 1 of 8	Attorney Docket Number	YU175US NP	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code* (if known)			
/SA/		US 6,299,290 *	Oct 9, 2001	Silverbrook	
/SA/		US 5,719,604 *	02.17.1998	Inui et al	
/SA/		US 5,666,141 *	09.09.1997	Matoba et al	
/SA/		US 4,672,398 *	06.09.1987	Kuwabara et al	
/SA/		US 4,737,802 *	04.12.1988	Mielke	
/SA/		US 5,029,805 *	07.09.1991	Albarda et al	
/SA/		US 5,258,774 *	11.02.1993	Rogers	
/SA/		US 4,553,393 *	11.19.1985	Ruoff	
/SA/		US 4,864,824 *	09.12.1989	Gabriel et al	
/SA/		US 4,423,401 *	12.27.1983	Mueller	
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FOREIGN PATENT DOCUMENTS					
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		Country Code ³ - Number ⁴ - Kind Code* (if known)			
/SA/		EP 0 713 774 *	05.29.1996	Sharp Kabushiki Kaisha	
/SA/		DE 195 16 997 *	11.16.1995	Sharp K.K.	
/SA/		DE 196 23 620 *	12.19.1996	Sharp K.K.	
/SA/		JP 2-108544 (Abstract) *	04.20.1990	Seiko Epson Corp	
/SA/		JP 2-92643 (Abstract) *	04.03.1990	Seiko Epson Corp	
/SA/		JP 4-353458 (Abstract) *	12.08.1992	Brother Ind Ltd	
/SA/		JP 6-91865 (Abstract) *	04.05.1994	Seikosha Co Ltd	
/SA/		JP 6-91866 (Abstract) *	04.05.1994	Seikosha Co Ltd	
/SA/		JP 2-265752 (Abstract) *	10.30.1990	Matsushita Electronic Ind Co Ltd	
/SA/		EP 0 634 273 *	01.18.1995	Sharp Kabushiki Kaisha	

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/SA		DE 195 32 913 *	03.28.1996	Sharp K.K		
/SA		JP 58 112747 (Abstract) *	07.05.1983	Fujitsu KK		
/SA		DE 43 28 433 *	03.02.1995	Heldieberger Druckmaschinen AG		
/SA		JP 61 025849 (Abstract) *	02.04.1988	Canon Inc		
/SA		JP 01 128839 (Abstract) *	05.22.1989	Ricoh Co Ltd		
/SA		JP 04 126255 (Abstract) *	04.27.1992	Seiko Epson Corp		
/SA		GB 2 262 152 *	06.09.1993	Willlett Int.Ltd		
/SA		DE 195 16 997 *	11.16.1995	Sharp K.K		
/SA		JP 05 318724 (Abstract) *	12.03.1993	Seikosha Co.Ltd		

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First Named Inventor				Kia Silverbrook	
Art Unit					
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Attorney Docket Number				YU175US NP	
Sheet	3	of	8		

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
/SA		JP 02 162049 (Abstract) *	06.21.1990	Seiko Epson Corp.		
/SA		DE 32 45 283 *	06.07.1984	Siemens AG		
/SA		JP 04 368851 (Abstract) *	12.21.1992	Seiko Epson Corp.		
/SA		JP 02 158348 (Abstract) *	06.18.1990	Minolta Camera Co.	Ltd	
/SA		JP 03.112662 (Abstract) *	05.14.1991	Seiko Epson Corp.		
/SA		JP 03.653348 (Abstract) *	03.20.1991	Matsushita Electric	Ind.Co	
/SA		EP 0.431.338 *	06.12.1991	Matsushita Electric	Ind.Co	
/SA		JP 01.257058 *	10.13.1989	Seiko Epson Corp.		
/SA		DE 195-17-969 *	11.30.1995	Sharp K.K		

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Sheet 4 of 8

Complete If Known

Application Number	10/510152
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First Named Inventor	Kia Silverbrook
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Examiner Name	
Attorney Docket Number	YU175US NP

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/SA/		DE 196 39 717 *	04.17.1997	Sharp K.K.		
/SA/		EP 0 737 580 *	10.16.1996	Canon K.K.		
/SA/		EP 0 882 590 *	12.09.1998	Canon K.K.		
/SA/		EP 0 478 956 *	04.08.1992	Kernforschungsz. Karlsruhe GMBH		
/SA/		DE 1 648 322 *	03.24.1971	VDO Tachometerwerke GMBH		
/SA/		GB 1 428 239 *	03.17.1976	Cibie Projecteurs		
/SA/		DE 39 34 280 *	04.26.1990	CAE di Cipelletti Alberto		
/SA/		DE 29 05 063 *	08.14.1980	Olympia Werke AG		
/SA/		WO 94 18010 *	08.18.1994	Domino Printing Sciences PLC		

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Sheet 5 of 8

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Application Number	10/510152
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Filing Date

First Named Inventor	Kia Silverbrook
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Art Unit

Examiner Name

Attorney Docket Number YU175US NP

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
/SA/		EP 0 398 031 *	11.22.1990	Seiko Epson Corp		
/SA/		EP 0 427 291 *	05.15.1991	Seiko Epson Corp		
/SA/		JP 01 115639 (Abstract) *	05.08.1989	Ricoh Co Ltd		
/SA/		JP 58 116165 (Abstract) *	07.11.1983	Canon K.K		
/SA/		EP 0 627 314 *	12.07.1994	Olivetti Canon Ind SPA		
/SA/		JP 61 268453 (Abstract) *	11.27.1986	Olympus Optical Co Ltd		
/SA/		JP 04 118241 (Abstract) *	04.20.1992	Seiko Epson Corp		
/SA/		EP 0 506 232 *	09.30.1992	Videojet Systems Int, Inc		
/SA/		JP 07 314665 (Abstract) *	12.05.1995	Canon Inc		
/SA/		JP 03 180350 *	08.06.1991	Seiko Epson Corp		

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				Application Number	10/510152
				Filing Date	
				First Named Inventor	Kia Silverbrook
				Art Unit	
				Examiner Name	
				Attorney Docket Number	YU175US NP
Sheet	6	of	8		

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FOREIGN PATENT DOCUMENTS						
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		Country Code * -Number- * Kind Code * (if known)				
/SA		WO 97 12689 *	04.10.1997	The Board of Trustees of the Leland Stanford University		
/SA		JP 02 050841 (Abstract) *	02.20.1990	Seiko Epson Corp		
/SA		EP 0 510 648 *	10.28.1992	Ivri Yehuda		
/SA		JP 05 28765 (Abstract) *	10.29.1993	Canon Inc		
/SA		JP 04 141429 (Abstract) *	05.14.1992	Seiko Epson Corp		
/SA		JP 01 105746 (Abstract) *	04.24.1989	Ricoh Co., Ltd		
/SA		GB 792 145 *	03.19.1958	Technograph Printed Circuits Ltd		
/SA		EP 0 750 993 *	01.02.1997	Canon K.K		

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control number				<div>Complete if Known</div> <div>Application Number 10/510152</div> <div>Filing Date</div> <div>First Named Inventor Kia Silverbrook</div> <div>Art Unit</div> <div>Examiner Name</div> <div>Attorney Docket Number YU175US NP</div>	
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Sheet	7	of	8		

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Sheet 8 of 8	Attorney Docket Number	YU175US NP	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ²	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
/SA/		NOWOROLSKI, J. MARK et al, "Process for in-plane and out-of-plane single-crystal-silicon thermal microactuators". Sensors and Actuators, A, CH, Elsevier-Sequoia-S.A., Lausanne, Vol-55, no. 1, 15-July-1996, pp 65-69, XP004077979 ISSN: 0924-4247.	
/SA/		ATAKA, MANABU et al, "Fabrication and Operation of Polyimide-Bimorph Actuators for Ciliary Motion System". Journal of Microelectromechanical Systems, US, IEEE Inc. New York, Vol. 2, no. 4, 1 December 1993, pp 146-150, XP000443412, ISSN: 1057-7157.	
/SA/		YAMAGATA, YUTAKA et al, "A Micro Mobile Mechanism Using Thermal Expansion and its Theoretical Analysis". Proceeding of the workshop on micro electro mechanical systems (MEMS), US, New York, IEEE, Vol. Workshop 7, 25 January 1994, pp 142-147, XP000528408, ISBN: 0-7803-1834-X.	
/SA/		Derwent Abstract Accession No. 2001-020348/03, Class P75; T01, JP 2000-293335-A (SEIKO-EPSON-CORPORATION) 20-October-2000.*	
/SA/		Derwent Abstract Accession No. 98-081618/08, Class W02, JP 09-314915 A (CANON KABUSHIKI KAISHA) 9-December 1997.*	

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